

WHAT IS CLAIMED IS:

1. A receiving apparatus, comprising:  
a reception circuit for receiving image data  
transmitted through a network;  
5 an output circuit for outputting the image  
data received by said reception circuit to a display  
apparatus; and  
a control circuit for generating a signal for  
requesting an apparatus for controlling the  
10 transmission, to transmit the image data in a  
transmission mode according to a size of a display  
area in which an image based on the image data is  
displayed.
- 15 2. A receiving apparatus according to claim 1,  
wherein said control circuit selects the transmission  
mode from a plurality of transmission modes having  
different transmission speeds, and generates a signal  
for requesting transmitting the image data in the  
20 selected transmission mode.
3. A receiving apparatus according to claim 2,  
wherein said control circuit selects from the  
plurality of transmission modes a transmission mode  
25 having a transmission speed lower than that of a  
maximum reception speed, in which said reception  
circuit can receive through said network.

4. A receiving apparatus according to claim 2,  
wherein the image data includes data for displaying a  
series of images, and the plurality of transfer modes  
includes at least a plurality of transfer modes in  
5 which frame rates of the series of images are  
different from each other.

5. A receiving apparatus according to claim 2,  
wherein the plurality of transfer modes includes a  
10 first mode and a second mode, the first mode being a  
mode in which resolution of an image to be displayed  
on a basis of data transmitted in the first mode is  
recognized to be higher than resolution of an image  
to be displayed on a basis of data transmitted in the  
15 second mode.

6. A receiving apparatus according to claim 2,  
wherein the image data includes data for displaying a  
series of images, and the plurality of transfer modes  
20 includes a first mode and a second mode, the second  
mode being a mode in which visibility of a movement  
of an object in a series of images displayed on a  
basis of data transmitted in the second mode is  
higher than visibility of a movement of an object in  
25 a series of images displayed on a basis of data  
transmitted in the first mode.

7. A receiving apparatus according to claim 2,  
wherein said reception circuit receives transmission  
mode information including at least information of a  
plurality of transmission modes which an apparatus  
5 for performing transmission of the image data can  
transmit.

8. A receiving apparatus according to claim 1,  
wherein said output circuit includes a buffer memory  
10 for storing the image data received by said reception  
circuit, and changes an amount of data to be stored  
in said buffer memory according to the transmission  
mode in which the transmission is requested to be  
performed.

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9. A receiving apparatus according to claim 1,  
wherein said reception circuit receives a signal  
specifying the size of the display area in which the  
image based on the image data is displayed.

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10. A receiving apparatus according to claim  
1, wherein said control circuit performs control in  
order that images may be displayed in a plurality of  
display areas severally, the display areas including  
25 at least a first display area being the display area  
in which the image based on the image data is  
displayed and a second display area different from

the first display area, a size of said first display area determined on a basis of designation made by a transmitter of image data for displaying an image in the second display area.

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11. A receiving apparatus according to claim 1, wherein said control circuit performs control in order that images may be displayed in a plurality of display areas severally, the display areas including  
10 at least a first display area being the display area in which the image based on the image data is displayed and a second display area different from the first display area, and the image data for displaying the image in the first display area is  
15 image data specified by a transmitter of image data for displaying an image in the second display area.

12. A receiving apparatus according to claim 10, wherein said receiving apparatus displays a  
20 television broadcast in the second display area.

13. A receiving apparatus according to claim 1, wherein said reception circuit receives information related to time when the size of the  
25 display area in which the image is displayed is changed, and said control circuit changes the transmission mode requested to said apparatus for

controlling the transmission on a basis of the  
information related to the time.

14. A receiving apparatus according to claim  
5 1, wherein said receiving apparatus has the display  
apparatus built-in.

15. A receiving apparatus, comprising:  
a reception circuit for receiving first image  
10 data for displaying an image in a first display area  
in a maximum display area of a display apparatus,  
second image data for displaying an image in a second  
display area in the display area, and an information  
related to image displaying in the first display  
15 area; and

a control circuit for generating a signal for  
requesting an apparatus for controlling the  
transmission of the first image data, to transmit the  
first image data on a basis of the information,  
20 wherein the information is specified by a transmitter  
of the second image data.

16. A receiving apparatus according to claim  
15, wherein the information includes at least  
25 information indicating a size of the first display  
area.

17. A receiving apparatus according to claim  
15, wherein the first image data is data for  
displaying a series of images, and the information  
includes at least information indicating a frame rate  
5 of the series of images.

18. A receiving apparatus according to claim  
15, wherein the information includes at least  
information specifying the first image data.  
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19. A receiving apparatus according to claim  
15, wherein the information includes at least  
information related to time to start or to end  
displaying based in the first image data.  
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20. A receiving apparatus according to claim  
15, wherein the information includes at least  
information related to time when a size of the first  
display area is changed.  
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21. A receiving apparatus according to claim  
15, wherein the first image data and the second image  
data are received by the receiving apparatus through  
different paths.  
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22. An image display system comprising a  
receiving apparatus according to claim 1 and a

transmission apparatus for transmitting at least one of pieces of the image data.

23. An image display system comprising a  
5 receiving apparatus according to claim 15 and a transmission apparatus for transmitting at least one of the image data.

24. A broadcasting method for broadcasting a  
10 program to a receiving apparatus, comprising the steps of:

transmitting the program in order that the receiving apparatus can receive the program; and

transmitting information for displaying an  
15 image related to the program as a display screen different from a display screen in which a display apparatus for displaying the program displays the program.

20 25. A broadcasting method according to claim 24, wherein the information includes at least information for specifying image data for displaying the image related to the program.

25 26. A broad casting method according to claim 24, wherein the information includes at least information for specifying a displaying size of the

image related to the program with said display apparatus.

27. A broadcasting method according to claim  
5 24, wherein the information includes at least  
information related to time to start or to end  
displaying of the image related to the program.